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1

SEQUENCE LISTING

<110> HEERY, DAVID MICHAEL
PARKER, MALCOLM GEORGE

<120> INHIBITORS OF NUCLEAR PROTEIN/NUCLEAR RECEPTOR
INTERACTION

<130> 009901/0264015

<140> 09/423,037
<141> 2000-02-22

<150> PCT/GB98/01238
<151> 1998-04-28

<150> GB 9708676.3
<151> 1997-04-30

<160> 81

<170> PatentIn Ver. 2.1

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motif peptide

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inhibitor peptide

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inhibitor peptide

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inhibitor peptide

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inhibitor peptide

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RIP 140 peptide

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RIP 140 peptide

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Leu Leu Ala Ser Leu Leu Gln Ser
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RIP 140 peptide

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His Leu Lys Thr Leu Leu Lys Lys Ser
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RIP 140 peptide

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Gln Leu Ala Leu Leu Leu Ser Ser
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RIP 140 peptide

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RIP 140 peptide

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RIP 140 peptide

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RIP 140 peptide

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Leu Leu Ser Arg Leu Leu Arg Gln
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RIP 140 peptide

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RIP 140 peptide

<400> 15

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<210> 16

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SRC1a peptide

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SRC1a peptide

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SRC1a peptide

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SRC1a peptide

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SRC1a peptide

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SRC1a peptide

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CBP peptide

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RIP 140 peptide

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RIP 140 peptide

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Val Leu Lys Gln Ala Leu Leu Ser Glu
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RIP 140 peptide

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RIP 140 peptide

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RIP 140 peptide

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<210> 32

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RIP 140 peptide

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Val Leu Lys Gln Leu Leu Ala Ser Glu
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<210> 33

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<213> Homo sapiens

<400> 33

Tyr Leu Glu Gly Leu Leu Met His Gln Ala Ala
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<210> 34

<211> 11

<212> PRT

<213> Homo sapiens

<400> 34

Leu Leu Ala Ser Leu Leu Gln Ser Glu Ser Ser
1 5 10

<210> 35

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<212> PRT

<213> Homo sapiens

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His Leu Lys Thr Leu Leu Lys Lys Ser Lys Val
1 5 10

<210> 36

<211> 11

<212> PRT

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<400> 36
Gln Leu Ala Leu Leu Leu Ser Ser Glu Ala His
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Leu Leu Leu His Leu Leu Lys Ser Gln Thr Ile
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Leu Leu Gln Leu Leu Leu Gly His Lys Asn Glu
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<210> 41
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Val Leu Lys Gln Leu Leu Leu Ser Glu Asn Cys
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<210> 42
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<213> Homo sapiens

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Lys Leu Val Gln Leu Leu Thr Thr Thr Ala Glu
1 5 10

<210> 43

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<213> Homo sapiens

<400> 43

Ile Leu His Arg Leu Leu Gln Glu Gly Ser Pro
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<210> 44

<211> 11

<212> PRT

<213> Homo sapiens

<400> 44

Leu Leu Arg Tyr Leu Leu Asp Lys Asp Glu Lys
1 5 10

<210> 45

<211> 8

<212> PRT

<213> Homo sapiens

<400> 45

Leu Leu Gln Gln Leu Leu Thr Glu
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<210> 46

<211> 11

<212> PRT

<213> Mus sp.

<400> 46

Lys Leu Leu Gln Leu Leu Thr Thr Lys Ser Asp
1 5 10

<210> 47

<211> 11

<212> PRT

<213> Mus sp.

<400> 47

Ile Leu His Arg Leu Leu Gln Asp Ser Ser Ser
1 5 10

<210> 48
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<400> 48
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<210> 49
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<400> 49
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<210> 50
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 <213> Mus sp.

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 Gln Leu Val Leu Leu Leu His Ala His Lys Cys
 1 5 10

<210> 51
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<400> 51
 Gln Leu Ser Glu Leu Leu Arg Gly Ser Ser Pro
 1 5 10

<210> 52
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<400> 52
 Gln Leu Val Leu Leu Leu His Ala His Lys Cys
 1 5 10

<210> 53
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<400> 54
 Met Leu Met Asn Leu Leu Lys Asp Asn Pro Ala
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<210> 55
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 Thr Leu Arg Ser Leu Leu Leu Asn Pro His Leu
 1 5 10

<210> 56
 <211> 11
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<400> 56
 Arg Leu Ala Val Leu Leu Pro Gly Arg His Pro
 1 5 10

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<400> 57
 Glu Leu His Asn Leu Leu Glu Val Val Ser Gln
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<400> 58
 Thr Leu Arg Asp Leu Leu Thr Thr Thr Ala Gly
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Phe Leu Asp Phe Leu Leu Gly Phe Ser Ala Gly
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<210> 60

<211> 11

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<213> Homo sapiens

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Val Leu Glu Leu Leu Leu Arg Ala Gly Ala Asn
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Ile Leu Ala Arg Leu Leu Arg Ala His Gly Ala
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<211> 11

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 CBP peptide

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Ala Leu Gln Asp Leu Leu Arg Thr Leu Lys Ser
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<210> 63

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<213> Unknown Organism

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 p300 peptide

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Ala Leu Gln Asn Leu Leu Arg Thr Leu Arg Ser
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<210> 64

<211> 11

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<213> Unknown Organism

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p/CIP peptide

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Lys Leu Leu Gln Leu Leu Thr Cys Ser Ser Asp
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p/CIP peptide

<400> 65

Ile Leu His Lys Leu Leu Gln Asn Gly Asn Ser
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<210> 66

<211> 11

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p/CIP peptide

<400> 66

Leu Leu Arg Tyr Leu Leu Asp Arg Asp Asp Pro
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<210> 67

<211> 11

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ARA70 peptide

<400> 67

Gln Leu Tyr Ser Leu Leu Gly Gln Phe Asn Cys
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<210> 68

<211> 10

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<213> Unknown Organism

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TRIP230 peptide

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Glu Leu Glu Asn Leu Leu Gln Gln Gly Gly
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<210> 69

<211> 10

<212> PRT

<213> Unknown Organism

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TRIP230 peptide

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Val Leu Gln Lys Leu Leu Lys Glu Lys Asp
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<210> 70

<211> 10

<212> PRT

<213> Unknown Organism

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TRIP230 peptide

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Glu Leu Asn Gln Leu Leu Asn Ala Val Lys
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<210> 71

<211> 8

<212> PRT

<213> Unknown Organism

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TRIP230 peptide

<400> 71

Val Leu Lys Asp Leu Leu Lys Gln
1 5

<210> 72

<211> 14

<212> PRT

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<223> Description of Artificial Sequence: Inhibitor peptide

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1 5 10

<210> 73

<211> 14

<212> PRT

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<220>

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Ser Gln Thr Ser His Lys Leu Val Gln Leu Leu Thr Thr Thr
1 5 10

<210> 74

<211> 13

<212> PRT

<213> Unknown Organism

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<223> Description of Unknown Organism: DNA binding domain SRC1a peptide

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Thr Ala Arg His Lys Ile Leu His Arg Leu Leu Gln Glu
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<210> 75

<211> 13

<212> PRT

<213> Unknown Organism

<220>

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Ser Lys Asp His Gln Leu Leu Arg Tyr Leu Leu Asp Lys
1 5 10

<210> 76

<211> 14

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: DNA binding domain
SRC1a peptide

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Gln Ala Gln Gln Lys Ser Leu Leu Gln Gln Leu Leu Thr Glu
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<210> 77

<211> 44

<212> DNA

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oligonucleotide

<400> 77

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44

<210> 78

<211> 38

<212> DNA

<213> Artificial Sequence

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oligonucleotide

<400> 78

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38

<210> 79

<211> 38

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Polylinker
oligonucleotide

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<211> 10

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

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Glu Phe Leu Gln Pro Gly Val Asp Thr Ser
1 5 10

<210> 81

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 81

Met Val Pro Lys Lys Lys Arg Lys Val
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come*